

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Koichi HIRANO et al. :
Serial No. NEW : **Attn: APPLICATION BRANCH**
Filed December 4, 2003 : **Attorney Docket No. 2003_1690A**
CAPACITOR AND METHOD FOR :
PRODUCING THE SAME, AND CIRCUIT :
BOARD WITH A BUILT-IN CAPACITOR : **THE COMMISSIONER IS AUTHORIZED**
AND METHOD FOR PRODUCING THE : **TO CHARGE ANY DEFICIENCY IN THE**
SAME : **FEES FOR THIS PAPER TO DEPOSIT**
: **ACCOUNT NO. 23-0975**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of ☒ the references listed on attached form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 listed below is enclosed, except a copy is not provided for each U.S. patent and/or U.S. patent publication reference.

- 1a. ☒ This Information Disclosure Statement is submitted:
- within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or
- before the mailing date of the first Office Action on the merits,
- and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

- a. ☐ a full or partial English language translation submitted herewith,
- b. ☐ a foreign patent office search report (in the English language) submitted herewith,
- c. ☒ the concise explanation contained in the specification of the present application at pages 3, 5,
- d. ☐ the concise explanation set forth in the attached English language abstract,
- e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:

U.S. Patent No. 6,038,133 corresponds to Japanese Patent Kokai Publication No. 11-220262

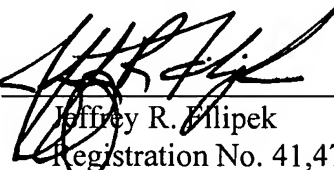
U.S. Patent No. 6,473,293 and U.S. Patent No. 6,504,705 corresponds to Japanese Patent Kokai Publication No. 2002-198264

5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Koichi HIRANO et al.

By



Jeffrey R. Elipek
Registration No. 41,471
Attorney for Applicants

JRF/fs
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
December 4, 2003

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: December 4, 2003

ATTY DOCKET NO.
2003_1690ASERIAL NO.
NEWAPPLICANT
Koichi HIRANO et al.FILING DATE
December 4, 2003

GROUP

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|----------|-----------------|-------|----------|-------------------------------|
| | AA | 6,038,133 | 3-14-00 | Nakatani et al. | | | |
| | AB | 6,473,293 | 10-29-02 | Shimada et al. | | | |
| | AC | 6,504,705 | 1-7-03 | Shimada et al. | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO | |
|--|----|--------------------|---------|---------|-------|----------|-----------------------|---|
| | AJ | 2002-198264 | 7-12-02 | Japan | | | | X |
| | AK | 11-220262 | 8-10-99 | Japan | | | | X |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | AO | |
| | AP | |
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EXAMINER

DATE CONSIDERED